



BT-1

Bit Error Rate Tester



Features

- **Compact Hand Held Unit**
- **Sync and Async Operation**
- **Polling and BERT Testing**
- **Simple to Operate**
- **Handles Input & Output Flow Control**

Description

The GDI BT-1 BERT Tester is designed with features found in no other BERT tester in its price range. These functions include handling input and output flow control, both software and hardware. The flow control handling is important for testing multiplexers, printers, X.25 PAD devices, terminals, computer ports, error correcting modems, data compressors and any other asynchronous device. The BT-1 poll testing is comprehensive and easy to set up. The tester can simulate master or slave devices with up to 16 remote addresses. The rate of polling, message sizes, timeouts, frequency of message and retries can all be adjusted to simulate actual applications.

The BT-1 features a number of useful timing tests such as character echo times. Measuring character echo is important in interactive terminal environment where a long echo time means poor performance for users. The BT-1 has a number of other timing tests, including RTS/CTS ON delay, RTS/CTS OFF delay, response time to flow control, DCD ON to receipt of data, receive data OFF to DCD OFF and more.

GENERAL

BERT Test
Polling Tests
Timing Tests
Sync or async operation
Speeds to 56,000 bps
QBF, character, 63,511 and 2047 patterns
Xon/Xoff, CTS, DTR flow control
RS-232C male (DTE) connector

INDICATORS

32 character (16 x 2) display
BERT test results
Polling test results
Timing test results

CONTROLS

16-key keypad
Set speed and test
Set timing (speeds or external)
Set frequency of messages
Set output patterns
Set flow control
Set character length
Set parity

PHYSICAL/ELECTRICAL

120 VAC wall transformer
4" x 1.75" x 7"
RS-232
DB-25 Connector